



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/815,034	03/31/2004	Jean M. Crane	030048139US	7805
25096	7590	03/21/2006	EXAMINER	
PERKINS COIE LLP			GOINS, DAVETTA WOODS	
PATENT-SEA			ART UNIT	
P.O. BOX 1247			PAPER NUMBER	
SEATTLE, WA 98111-1247			2632	

DATE MAILED: 03/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/815,034

Applicant(s)

CRANE ET AL

Examiner

Davetta W. Goins

Art Unit

2632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 8, 9, 15-18, 29, 30 and 33-35 is/are allowed.
- 6) ☒ Claim(s) 1-3, 5, 10-12, 19-23, 25-27 and 31 is/are rejected.
- 7) ☒ Claim(s) 4, 6, 7, 13, 14, 24, 28 and 32 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 7/6/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

Allowable Subject Matter

1. Claims 8, 9, 15-18, 29, 30 and 33-35 are allowed.
2. Claims 4, 6, 7, 13, 14, 24, 28 and 32 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-3, 5, 10-12, 19-23, 25-27 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over in view of Munro (US Pat. Application 2002/0033837 A1).

In reference to claims 1-3, 5, 10-12, 19-23, 25, 31, Chohan discloses the claimed method of presenting a first portion and second portion of a display upon receiving operations information, which is met by the displays that display such screens are typically used for multiple purposes we call such displays "multifunction displays" (MFDs). Preferably the aircraft control operation prompt (e.g., controllable item) is displayed on a window or display different from that of the checklist. The user can manually move the cursor using the CCD from the window or display

Art Unit: 2632

containing the checklist to the window or display containing the aircraft control operation prompt so that the user may make input to the prompt. To eliminate this step, we have developed automatic cursor positioning. Therein, the computer program can automatically move, jump, or reposition the cursor from the displayed checklist to the aircraft control operation prompt, so as to reduce the user's workload in locating and moving the cursor to the item (col. 9, lines 17-67; col. 2, lines 1-31). Chohan does not specifically disclose the claimed method of presenting a first portion of the operations information over a first area of a display medium, the first area having a first size; receiving a signal corresponding to an instruction to increase a fraction of the display medium occupied by the operations information; and presenting at least the first portion of the operations information over a second area of the display medium, the second area having a second size greater than the first size. Munro discloses a display system for multiple-image viewer including several images displayed within a monitor's window and that the images may overlay one another. The first image 504 can be manipulated to be increased in display size within the window 502. The display of the first image 504 now overlays portions of the second image 506, the third image 508, and the fourth image 510. The window 502 is an area reserved to display one or more images. Any one of the displayed images may occupy part of the window 502 or the entirety of the window 502 (Figures 5; page 3, column 2). Since Chohan discloses a system that includes multifunction displays that can alter graphics that can be displayed various aircraft operations information, it would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teaching of increasing part of a first display medium to display within a second area of the display, as disclosed by Munro, with the

Art Unit: 2632

system of Chohan, to allow the pilot of the aircraft to view the selected information to be viewed larger without having to delete the same information from the first display.

In reference to claims 26, 27, Chohan discloses the claimed fuselage portion; a wing portion, at least one of the wing portion and the fuselage portion including a flight deck, the flight deck including: a first selector portion having plurality of first settings, with individual first settings corresponding to categories of aircraft operations information; a menu display operatively coupled to the first selector portion and configured to present groups of selectable options, with individual groups corresponding to individual categories of aircraft operations information, which is met by a user can manually move the cursor using the CCD from the window or display containing the checklist to the window or display containing the aircraft control operation prompt so that the user may make input to the prompt. To eliminate this step, we have developed automatic cursor positioning. Therein, the computer program can automatically move, jump, or reposition the cursor from the displayed checklist to the aircraft control operation prompt, so as to reduce the user's workload in locating and moving the cursor to the item (col. 9, lines 17-67; col. 2, lines 1-31). Chohan does not specifically disclose the claimed second selector portion at least proximate to the first selector portion, the second selector portion having plurality of second settings, with individual second settings corresponding to individual selectable options presented at the menu display. Since Chohan discloses a manual means for selecting operations of a menu display, it would have been obvious to one of ordinary skill in the art at the time of the invention to use a second selector or any number of selectors to provide the same output of providing a different outcome on a separate display.

Art Unit: 2632

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Davetta W. Goins whose telephone number is 571-272-2957.

The examiner can normally be reached on Mon-Fri with every other Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu can be reached on 571-272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



D.W.G.

March 15, 2006

Davetta W. Goins
Primary Examiner
Art Unit 2632